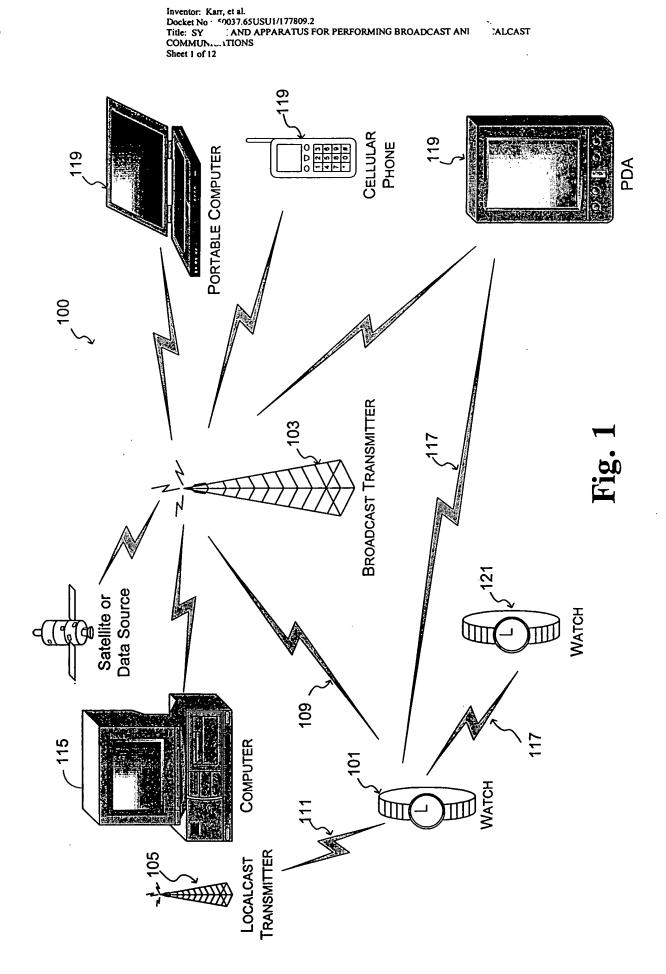
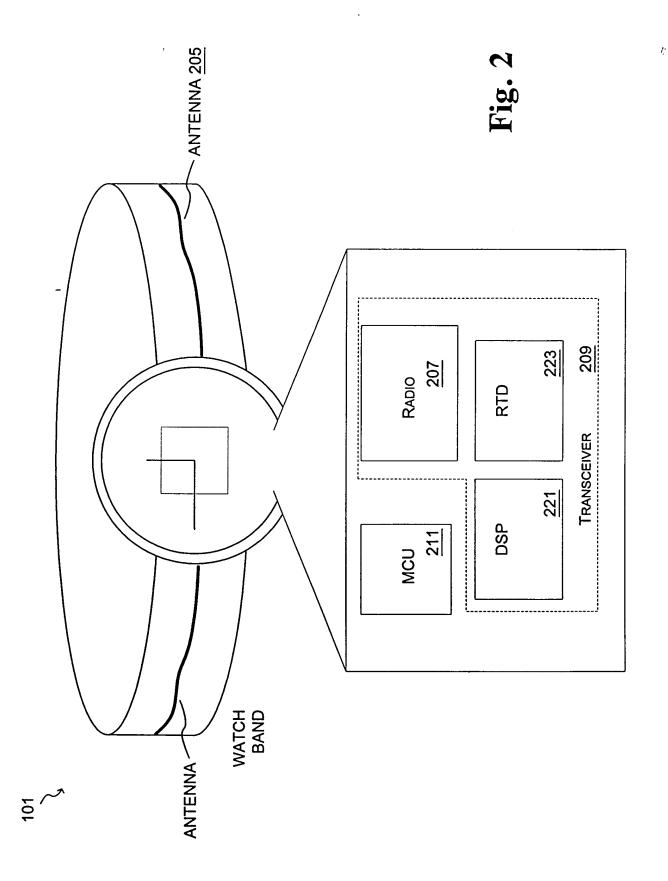
:ALCAST



CALCAST



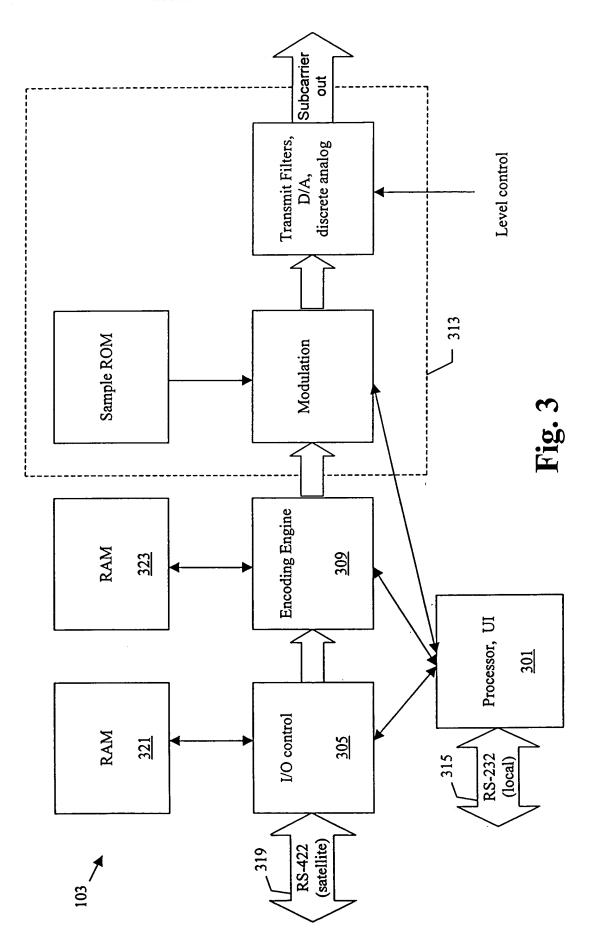
Inventor: Karr, et al.

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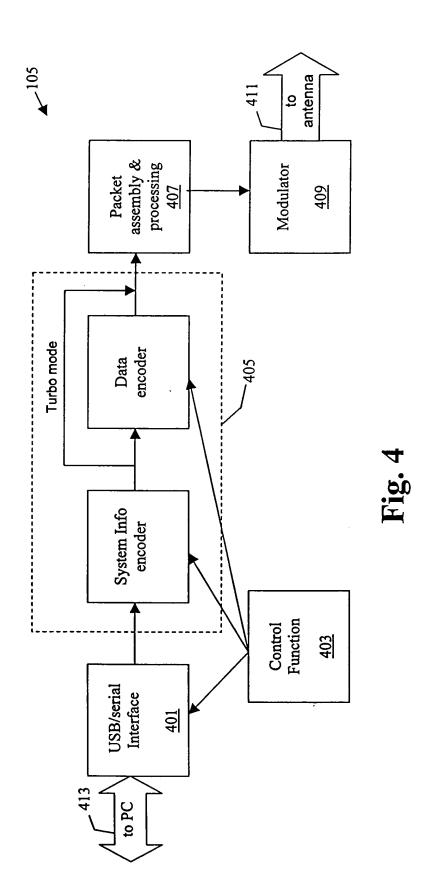
Title: SYS AND APPARATUS FOR PERFORMING BROADCAST AND

ALCAST

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AST

Frame N -501Sub-frame 0: Sub-frame 1: Sub-frame 2: Sub-frame 3: Segment 0-3 for Segment 4-7 for Segment 8-11 for Segment 12-15 for Packets 0-1023 Packets 0-1023 Packets 0-1023 Packets 0-1023 All segments for Fast All segments for Fast All segments for Fast All segments for Fast packets 1024-1087 packets 1088-1151 packets 1152-1215 packets 1216-1279 Segment 4 Seg 0 Segment 4 Seg 1 Segment 4 Seg 2 Segment 4 Seg 3 For Packets For Packets Fast For Packets Fast Fast For Packets Fast 0-255 512-767 Pkts 256-511 Pkts Pkts 768-1023 Pkts 1088-1088-1088-1088-1151 1151 1151 1151 Seg 6 Segment 5 Seg 4 Segment 5 Seg 5 Segment 5 Segment 5 Seg 7 For Packets Fast For Packets Fast For Packets Fast For Packets Fast 0-255 Pkts 256-511 Pkts 512-767 Pkts 768-1023 Pkts 1088-1088-1088-1088-1151 1151 1151 1151 Segment 6 Seg 8 Segment 6 Segment 6 Segment 6 Seg 9 Seg Seg 10 11 For Packets Fast For Packets Fast For Packets For Packets 0-255 Pkts 256-511 512-767 768-1023 Pkts Fast Fast 1088-1088-Pkts Pkts 1151 1151 1088-1088-1151 1151 Segment 7 Seg Segment 7 Seg Segment 7 Seg Segment 7 Seg 12 13 14 15 For Packets For Packets For Packets For Packets 0-255 256-511 **Fast** 512-767 Fast 768-1023 Fast Pkts Pkts Pkts 1088-1088-1088-

Fig. 5

1151

1151

1151

 t^{i}

MODIFIED HDLC FRAME FORMAT

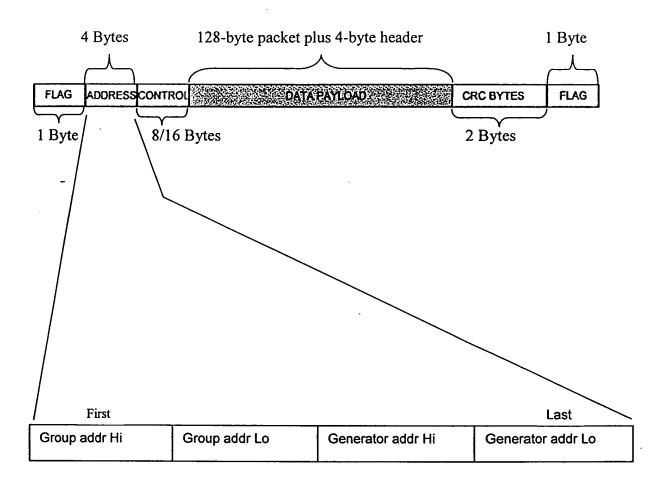


Fig. 6

Inventor: Kart, et al.

Docket No. 37.65USUI/177809.2

Title: SYS. AND APPARATUS FOR PERFORMING BROADCAST AND COMMUNICATIONS

LCAST

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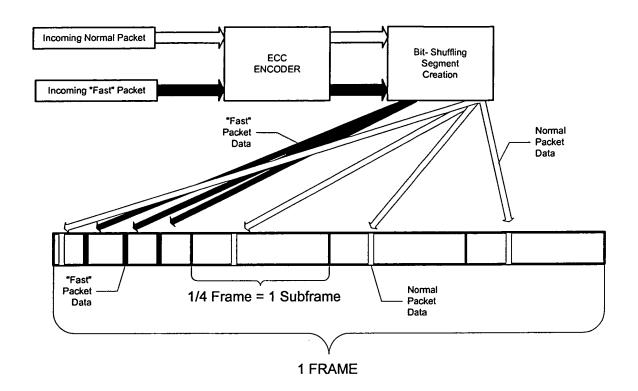


Fig. 7

Inventor: Karr, et al.
Docket No.: "037.65USU1/177809.2
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	Fixed synchronization pattern	Shift Register (1 bit un-	Segment Index (1 bit un-	Segment data (1/8 of data bits from a packet, interleaved according to preset pattern).
l	(6 bits unencoded)	encoded)	encoded)	(64 bits encoded)

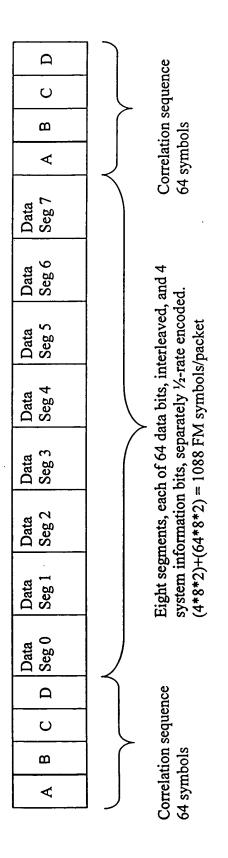
3 symbols

1 symbol

64 symbols

Fig. 8

Inventor: Karr, et al.
Docket No.: f '.65USU1/177809.2
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COMMUNICATIONS
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3 4	15 16	23 24	31
Packet Type = Packet ID		Channel ID	Spare

0 3 Packet	4 7 Packet sequence	~	19 20 Sender ID	31 Receiver ID	
0	number				

Inventor: Karr, et al.

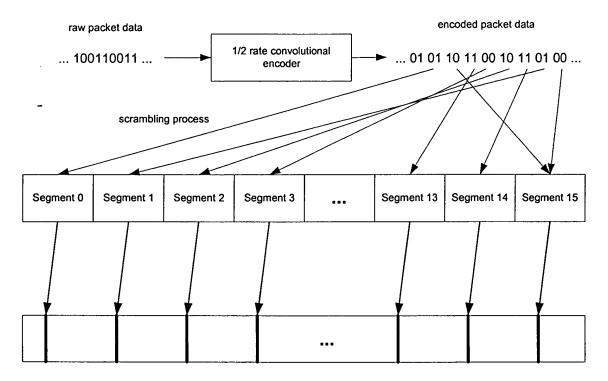
Docker : 50037.65USU1/177809.2

Title: 'EM AND APPARATUS FOR PERFORMING BROADCAST / OCALCAST COMMUNICATIONS

OCALCAST

 I_i^{\prime}

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segment placement in output frame

Fig. 10

Inventor: Karr, et al.
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NLCAST

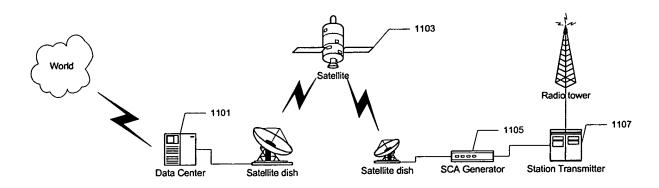


Fig. 11

Docket No.: 50037.65USUI/177809.2
Title: '"STEM AND APPARATUS FOR PERFORMING BROADCAST A" LOCALCAST COM ICATIONS

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